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U.S. APPLICATION NUMBER NO. 10/573,600	FIRST NAMED APPLICANT James Wilson	ATTY. DOCKET NO. UPN-P3230USA
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270
 HOWSON AND HOWSON
 SUITE 210
 501 OFFICE CENTER DRIVE
 FT WASHINGTON, PA 19034

DOCKET
 DUE DATE 9/5/06

INTERNATIONAL APPLICATION NO. PCT/US04/28817	
I.A. FILING DATE 09/30/2004	PRIORITY DATE 09/30/2003

CONFIRMATION NO. 6834

371 FORMALITIES LETTER



OC000000019438316

Date Mailed: 07/05/2006

NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patent Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

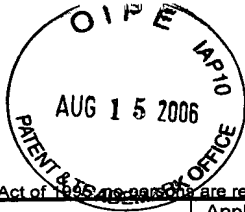
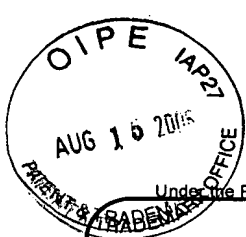
LAMONT M HUNTER

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PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/573,600	PCT/US04/28817	UPN-P3230USA

FORM PCT/DO/EO/922 (371 Formalities Notice)



08-16-06

DTW

PTO/SB/21 (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

423

Application Number

10/573,600

Filing Date

March 24, 2006

First Named Inventor

Wilson et al

Art Unit

Examiner Name

Attorney Docket Number

UPN-P3230USA

ENCLOSURES (Check all that apply)☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐Reply to Missing Parts/
Incomplete Application☐Reply to Missing Parts
under 37 CFR 1.52 or 1.53☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐Petition to Convert to a
Provisional Application☐

Power of Attorney, Revocation

☐

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

☐

CD, Number of CD(s) _____

☐ Landscape Table on CD☐

After Allowance Communication to TC

☐Appeal Communication to Board
of Appeals and Interferences☐Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☒Other Enclosure(s) (please identify
below):2 pp. Reply to Notice to comply with
Requirements for Patent Applications
Containing Nucleotide and/or Amino
Acid Sequence**Remarks**10 pp. Notification to Comply with Requirements for Patent Applications Containing Nucleotide
and/or Amino Acid Sequence Disclosures

409- Paper Copy of Sequence Listing

1-CRF (Computer Readable Form)

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Howson and Howson

Signature

Printed name

Cathy A. Kodroff

Date

August 15, 2006

Reg. No.

33,980

CERTIFICATE OF TRANSMISSION/MAILINGI hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with
sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on
the date shown below:

Signature

Typed or printed name

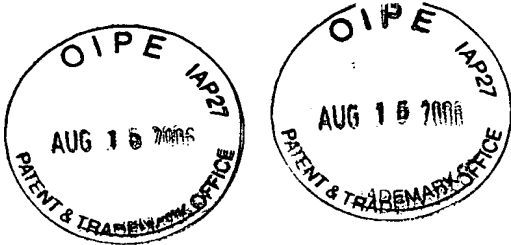
Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Express Mail No. EQ782471422 US

Customer No. 00270



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/573,600

Confirmation No.: 6834

Applicant : James Wilson

IA Filing Date : September 30, 2004

TC/A.U. :

Examiner :

Customer No. : 00270

Title : ADENO-ASSOCIATED VIRUS (AAV) CLADES, SEQUENCES,
VECTORS CONTAINING SAME, AND USES THEREFOR

Mail Stop SEQUENCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**REPLY TO NOTICE TO COMPLY WITH REQUIREMENTS FOR
PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR
AMINO ACID SEQUENCE DISCLOSURES**

Sir:

This paper is being filed in timely Reply to the Notification dated July 5, 2006.

A copy of this Notice is attached to the response.

Applicants submit herewith a substitute Sequence Listing in computer readable form (CRF) and a substitute paper copy of the Sequence Listing, as required by 37 CFR §§1.821(c) and (e), and §§1.825(a) and (b), as well as the required Statement.

STATEMENT UNDER 37 CFR §1.821 THROUGH §1.825

I hereby state that to the best of my knowledge and belief the substitute sheets of the Sequence Listing do not include new matter. I hereby state that to the best of my knowledge and belief the substitute copy of the computer readable form,

10/573,600
Response Notifications 7/5/06 and 6/29/06
August 15, 2006

submitted in accordance with 37 CFR §1.825(b), is the same as the substitute sheets of the Sequence Listing.

REMARKS

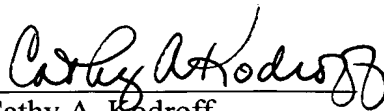
Applicants requests that this substitute sequence listing in paper form and computer readable form be entered into the specification.

Applicants wish to thank Ms. Anne-Marie Corrigan the courtesy and guidance extended by her telephone assistance and error checking of the revised CFR. The revised CFR now provides that the entry under <213> to be "unknown" where appropriate and provides for the identifying name of the viral clone to be provided under <213>.

No new matter is added by this change to the sequence listing.

The Director of the U.S. Patent and Trademark Office is hereby authorized to charge any deficiency in fees or credit any overpayment to Deposit Account 08-3040.

Respectfully submitted,
HOWSON AND HOWSON
Attorneys for Applicants

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